

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-14. (Cancelled)

Claim 15. (New) A method for monitoring wheels of a motor vehicle having at least one tire that is provided with a memory and a transmitter device for tire-specific data which is stored in the form of an electronic data sheet; wherein:

the electronic data sheet is read out of the memory and transmitter device by means of a receiver device; and

the electronic data sheet is transmitted to a memory and evaluation unit and made available to a further processing functionality of the vehicle.

Claim 16. (New) The method as claimed in Claim 15, wherein the further processing functionality is assigned to a logistic functionality of one of a vehicle manufacturer and a service workshop.

Claim 17. (New) The method as claimed in Claim 15, wherein the further processing functionality comprises one of a driving stability functionality, a velocity decreasing functionality and a chassis control functionality.

Claim 18. (New) The method as claimed in Claim 15, wherein a measuring and/or quality protocol is assigned to the electronic data sheet.

Claim 19. (New) A system for detecting and/or monitoring wheels of a motor vehicle having at least one tire that is provided with a memory and a transmitter device for tire-specific data which is stored in the form of an electronic data sheet, said memory and transmitter device interacting with a receiver device for reading in the tire-specific data; wherein:

the receiver device is connected to a memory and evaluation unit;
and

the memory and evaluation unit makes available the tire-specific data to a further processing functionality .

Claim 20. (New) The system as claimed in Claim 19, wherein the further processing functionality is a component of a driving stability functionality of the motor vehicle.

Claim 21. (New) The system as claimed in Claim 19, wherein the further processing functionality comprises a velocity decreasing functionality of the motor vehicle.

Claim 22. (New) The system as claimed in Claim 19, wherein the further processing functionality comprises a chassis control functionality of the motor vehicle.

Claim 23. (New) The system as claimed in Claim 19, wherein the further processing functionality is a logistic functionality of one of a vehicle manufacturer and a service workshop.

Claim 24. (New) The system as claimed in Claim 19, wherein each of the wheels comprises a pressure-measuring device for a tire which device is connected to an associated memory and transmitter device .

Claim 25. (New) The system as claimed in Claim 19, wherein each of the wheels comprises a temperature-measuring device for a tire, which device is connected to an associated memory and transmitter device .

Claim 26. (New) The system as claimed in Claim 19, wherein:

each of the memory and transmitter devices is provided with tire characteristic data; and

the memory and transmitter devices are each embodied as a rewriteable memory.

Claim 27. (New) The system as claimed in Claim 19, wherein a one-to-one transmission code is assigned to each of the memory and transmitter devices of the wheels.

Claim 28. (New) The system as claimed in Claim 19, wherein the tire-specific data comprises at least one of a statement of a position of the tire on the motor vehicle, an identification mark of the tire, a type of tire, a tire dimension, a design, a manufacturer, a velocity class, a load-bearing class, a tire profile, tire material properties, a production works, a country identifier, a manufacturing date and a use-by date.